



## UNITED STATES PATENT AND TRADEMARK OFFICE

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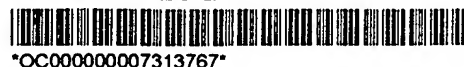
Page 1 of 1

MPP/100  
DTRCOMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/023,924	12/18/2001	Kiran Kuchi	4925-165CIP

CONFIRMATION NO. 4869

## FORMALITIES LETTER



\*OC000000007313767\*

COHEN, PONTANI, LIEBERMAN & PAVANE  
Suite 1210  
551 Fifth Avenue  
New York, NY 10176DOCKETED  
16 Mar 02

Date Mailed: 01/16/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

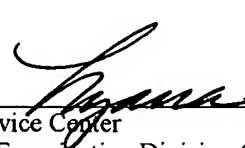
FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

A copy of this notice **MUST** be returned with the reply.

  
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PART 1 - ATTORNEY/APPLICANT COPY

03/19/2002 BABRAHA1 00000097 10023924

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COHEN &amp; PAVANE

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Attorney Docket # 4925-165CIP

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Kiran KUCHI et al.

Serial No.: 10/023,924

Filed: December 18, 2001

For: ISI-Robust Slot Formats for Non-Orthogonal Based Space-Time Block Codes

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on  
March 8, 2002  
(Date of Deposit)

Michael C. Stuart

Name of applicant, assignee or Registered Representative

Signature

March 8, 2002

Date of Signature

**RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF NONPROVISIONAL APPLICATION -FILING DATE GRANTED**

Assistant Commissioner for Patents  
Washington, D.C. 20231

S I R:

In order to complete the filing of missing parts for the above-identified application, applicant(s) submit(s) herewith the following:

- ☒ Executed Declaration and Power of Attorney (attached to a copy of the application as originally filed). The application filed in the U.S. Patent and Trademark Office is the application which the inventor(s) executed by signing the enclosed Declaration.
- ☒ Check in the amount of \$130.00 to cover the late filing of the Declaration and Power of Attorney, as required by 37 CFR 1.16(e).
- ☒ Assignment of the invention to **Nokia Corporation**
- ☒ Recordation cover sheet - PTO Form 1595
- ☒ Check in the amount of \$40.00 to cover the recordation fee
- ☒ Copy of Notice to File Missing Parts of Nonprovisional Application

If an extension of time to respond to this Notice To File Missing Parts of Application is required, then this paper also constitutes an express request for such an extension of time.

In the event that any additional fees or charges are deemed necessary in connection with the application at the present time, the same may be charged to our Patent and Trademark Office Deposit Account No. 03-2412.

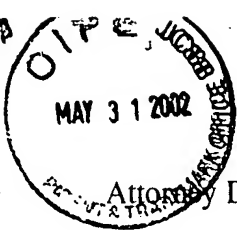
Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

By:



Michael C. Stuart  
Reg. No. 35,698  
551 Fifth Avenue  
New York, New York 10176  
(212) 687-2770

Dated: 8 March 2002



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17  
**FILE COPY** Patent

Attorney Docket # 4925-165CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Kiran KUCHI et al.

Serial No.: 10/023,924

Filed: December 18, 2001

For: ISI-Robust Slot Formats for Non-Orthogonal  
Based Space-Time Block Codes

*#5*  
Group Art: 2681

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

May 15, 2002  
(Date of Deposit)

Michael C. Stuart

Name of applicant, assignee or Registered Representative

*Michael C. Stuart*  
Signature

May 15, 2002  
Date of Signature

REQUEST FOR CORRECTION OF FILING RECEIPT

Assistant Commissioner for Patents  
Washington, D.C. 20231

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JUL 01 2002

Technology Center 2600

**RECEIVED**  
JUN 21 2002  
TC 1700

SIR:

Attached is a copy of the official filing receipt received from the U.S. Patent and Trademark Office in the above-identified application.

There is an error in: The domestic priority data. The date should read 3/30/2000 not 9/29/2000

It is respectfully requested that a corrected filing receipt be issued.

Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

By:

*Michael C. Stuart*

Michael C. Stuart  
Reg. No. 35,698  
551 Fifth Avenue, Suite 1210  
New York, New York 10176  
(212) 687-2770

Dated: May 15, 2002



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/023,924	12/18/2001	2681	1230	4925-165CIP	5	40	3

CONFIRMATION NO. 4869

UPDATED FILING RECEIPT



\*OC000000007838499\*

COHEN, PONTANI, LIEBERMAN & PAVANE  
Suite 1210  
551 Fifth Avenue  
New York, NY 10176

Date Mailed: 04/10/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Kiran Kuchi, Irving, TX;  
Olav Tirkkonen, Helsinki, FINLAND;  
Ari Hottinen, Espoo, FINLAND;

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JUL 01 2002

Technology Center 2600

## Assignment For Published Patent Application

Nokia Corporation;

## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CIP OF 09/676,373 09/29/2000 \*  
AND A CIP OF PCT/FI00/00916 09/04/2000  
(\* ) Data inconsistent with PTO records.

03/30/2000

## Foreign Applications

FINLAND 20002845 12/22/2000  
FINLAND 20011357 06/25/2001

If Required, Foreign Filing License Granted 01/15/2002

Projected Publication Date: 07/18/2002

Non-Publication Request: No

Early Publication Request: No

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JUN 21 2002  
TC 1700

P5064450

Title

ISI-robust slot formats for non-orthogonal-based space-time block codes

Preliminary Class

455

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Title 37, Code of Federal Regulations, 5.11 & 5.15**

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